

## Refine Search

### Search Results -

Term	Documents
ANTI-ANGIOTENSIN	38
ANTI-ANGIOTENSINS	0
CONVERTING	635732
CONVERTINGS	14
ENZYME	234554
ENZYMES	156861
(13 AND (ANTI-ANGIOTENSIN ADJ CONVERTING ADJ ENZYME)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	0
(L13 AND ((ANTI-ANGIOTENSIN ADJ CONVERTING) ADJ ENZYME) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L16

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, July 15, 2004   [Printable Copy](#)   [Create Case](#)

**Set Name**   **Query**  
 side by side

**Hit Count**

**Set  
Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;  
 OP=AND

<u>L16</u>	L13 and ((anti-angiotensin adj converting) adj enzyme)	0	<u>L16</u>
<u>L15</u>	L13 and (MAb adj 9B9)	0	<u>L15</u>
<u>L14</u>	L13 and (pulmonary adj endothelium)	0	<u>L14</u>

<u>L13</u>	(adenoviral or adenovirus) same (modified adj tropism)	7	<u>L13</u>
<u>L12</u>	(MAb adj 9B9) same (adenovirus or adenoviral or vector)	2	<u>L12</u>
<u>L11</u>	L8 not L9	55	<u>L11</u>
<u>L10</u>	L9 and ((VEGF adj receptor) adj promoter)	0	<u>L10</u>
<u>L9</u>	L8 and ((tissue adj specific) adj promoter)	9	<u>L9</u>
<u>L8</u>	L5 and (target or targeting)	64	<u>L8</u>
<u>L7</u>	L5 and (1D6.14)	0	<u>L7</u>
<u>L6</u>	L5 and (anti-Ad5 adj knob)	0	<u>L6</u>
<u>L5</u>	L4 and (bispecific adj antibody)	64	<u>L5</u>
<u>L4</u>	L3 and (adenovirus or adenoviral)	607	<u>L4</u>
<u>L3</u>	((angiotensin adj converting) adj enzyme) or (9B9)	7073	<u>L3</u>
<u>L2</u>	L1 and ((angiotensin adj converting) adj enzyme)	2	<u>L2</u>
<u>L1</u>	Curiel-David-T\$.in.	62	<u>L1</u>

END OF SEARCH HISTORY

**PALM INTRANET**

---

Day : Thursday  
Date: 7/15/2004  
Time: 09:35:54

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.

Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

PALM INTRANET

---

Day : Thursday  
Date: 7/15/2004  
Time: 09:35:54

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.

Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name**

**First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

## Welcome to DialogClassic Web(tm)

Dialog level 04.11.00D  
Last logoff: 09jul04 08:38:45  
Logon file001 15jul04 09:17:23

\*\*\* ANNOUNCEMENT \*\*\*  
\*\*\*

--File 654 - US published applications from March 15, 2001 to the present are now online. Please see HELP NEWS 654 for details.

\*\*\*

--File 581 - The 2003 annual reload of Population Demographics is complete. Please see Help News581 for details.

\*\*\*

--File 990 - NewsRoom now contains February 2004 to current records.  
File 992 - NewsRoom 2003 archive has been newly created and contains records from January 2003. The oldest months's records roll out of File 990 and into File 992 on the first weekend of each month.  
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new OneSearch category.

\*\*\*

--Connect Time joins DialUnits as pricing options on Dialog.  
See HELP CONNECT for information.

\*\*\*

\*\*\* --SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

\*\*\*

--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

## NEW FILES RELEASED

\*\*\*MetalBase (File 36)  
\*\*\*AeroBase (File 104)  
\*\*\*DIOGENES: Adverse Drug Events Database (File 181)  
\*\*\*World News Connection (File 985)  
\*\*\*Dialog NewsRoom - 2003 Archive (File 992)  
\*\*\*TRADEMARKSCAN-Czech Republic (File 680)  
\*\*\*TRADEMARKSCAN-Hungary (File 681)  
\*\*\*TRADEMARKSCAN-Poland (File 682)

\*\*\*

## UPDATING RESUMED

\*\*\*

## RELOADED

\*\*\*Toxfile (File 156)  
\*\*\*Medline (Files 154-155)  
\*\*\*Population-Demographics --(File 581)  
\*\*\*CLAIMS Citation (Files 220-222)

## REMOVED

\*\*\*

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<

\*\*\*\*\*

KWIC is set to 50.

HILIGHT set on as ' '

\* \* \* \*

File 1:ERIC 1966-2004/Jun 09  
(c) format only 2004 The Dialog Corporation

Set Items Description

--- -----

Cost is in DialUnits

?

B 155, 159, 5, 73

15jul04 09:17:38 User259876 Session D648.1

\$0.63 0.179 DialUnits File1

\$0.63 Estimated cost File1

\$0.06 INTERNET

\$0.69 Estimated cost this search

\$0.69 Estimated total session cost 0.179 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2004/Jul W2

(c) format only 2004 The Dialog Corp.

**\*File 155: Medline has been reloaded. Accession numbers**  
have changed. Please see HELP NEWS 154 for details.

File 159:Cancerlit 1975-2002/Oct

(c) format only 2002 Dialog Corporation

**\*File 159: Cancerlit ceases updating with immediate effect.**  
Please see HELP NEWS.

File 5:Biosis Previews(R) 1969-2004/Jul W2

(c) 2004 BIOSIS

File 73:EMBASE 1974-2004/Jul W2

(c) 2004 Elsevier Science B.V.

Set	Items	Description
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?

S (ADENOVIRAL OR ADENOVIRUS) (S) (MODIFIED (W) TROPISM)

18636 ADENOVIRAL

80316 ADENOVIRUS

505451 MODIFIED

10314 TROPISM

S1 8 (ADENOVIRAL OR ADENOVIRUS) (S) (MODIFIED (W) TROPISM)

?

S S1 AND (MAB (W) 9B9)

8 S1

86482 MAB

94 9B9

42 MAB(W) 9B9

S2 0 S1 AND (MAB (W) 9B9)

?

RD S1

...completed examining records

S3 3 RD S1 (unique items)

?

T S3/3,K/ALL

3/3,K/1- (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2004 The Dialog Corp. All rts. reserv.

16394667 PMID: 15194061

**Avidin-based targeting and purification of a protein IX-modified,  
metabolically biotinylated adenoviral vector.**

Campos Samuel K; Parrott M Brandon; Barry Michael A

Department of Biochemistry and Cell Biology, Rice University, Houston, TX  
77005, USA.

Molecular therapy - the journal of the American Society of Gene Therapy (United States) Jun 2004, 9 (6) p942-54, ISSN 1525-0016

Journal Code: 100890581

Contract/Grant No.: 5 T32 GMO 08362; GM; NIGMS; AI07495; AI; NIAID

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: In Process

While genetic modification of adenoviral vectors can produce vectors with **modified tropism**, incorporation of targeting peptides/proteins into the structural context of the virion can also result in destruction of ligand targeting or virion integrity. To combat this problem, we have developed a versatile targeting system using metabolically biotinylated **adenoviral** vectors bearing biotinylated fiber proteins. These vectors have been demonstrated to be useful as a platform for avidin-based ligand screening and vector targeting by...

... biotinylated vector could also be purified by biotin-reversible binding on monomeric avidin ( $K(d) = 10(-7) M$ ). In this report, a second metabolically biotinylated **adenovirus** vector, Ad-IX-BAP, has been engineered by fusing a biotin acceptor peptide (BAP) to the C-terminus of the **adenovirus** pIX protein. This biotinylated vector displays twice as many biotins and was markedly superior for single-step affinity purification on monomeric avidin resin. However, unlike...

... for vector targeting applications. These results also demonstrate the utility of the pIX-biotinylated vector as a platform for gentle single-step affinity purification of **adenoviral** vectors.

3/3,K/2 (Item 2 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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14425044 PMID: 10419736

**An advanced generation of adenoviral vectors selectively enhances gene transfer for ovarian cancer gene therapy approaches.**

Vanderkwaak T J; Wang M; Gomez-Navarro J; Rancourt C; Dmitriev I; Krasnykh V; Barnes M; Siegal G P; Alvarez R; Curiel D T

Division of Gynecologic Oncology, University of Alabama at Birmingham, Birmingham, Alabama, 35294, USA.

Gynecologic oncology (UNITED STATES) Aug 1999, 74 (2) p227-34, ISSN 0090-8258 Journal Code: 0365304

Contract/Grant No.: R21 CA69343; CA; NCI; RO1 CA68245; CA; NCI; RO1 CA74242; CA; NCI

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... retargeting, the level of gene transfer was much lower than that seen in ovarian cancer cells. **CONCLUSION:** This study demonstrates that genetically altered adenoviruses with **modified tropism** are capable of more efficient gene transfer in the context of ovarian cancer. The higher level of transfer with respect to peritoneal mesothelium can be exploited to enhance the therapeutic index of interventions using **adenoviral** vectors. Studies are warranted, therefore, to determine the in vivo utility of this targeted vector approach in the context of gene therapeutic strategies for cancer...

3/3,K/3 (Item 3 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2004 The Dialog Corp. All rts. reserv.

13125792 PMID: 8794325

**Generation of recombinant adenovirus vectors with modified fibers for altering viral tropism.**

Krasnykh V N; Mikhcheva G V; Douglas J T; Curiel D T

Gene Therapy Program, University of Alabama at Birmingham 35294, USA.

Journal of virology (UNITED STATES) Oct 1996, 70 (10) p6839-46, ISSN 0022-538X Journal Code: 0113724

Contract/Grant No.: R01 5025505; PHS  
 Document type: Journal Article  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: Completed

...facile means of generating fiber-modified recombinant adenoviruses. In addition, it should be possible to use this system in the development of adenovirus vectors with **modified tropism** to allow cell-specific targeting.

?

S (MAB (W) 9B9)

86482 MAB

94 9B9

S4 42 (MAB (W) 9B9)

?

S S4 AND (VECTOR OR ADENOVIRUS OR ADENOVIRAL)

42 S4

285618 VECTOR

80316 ADENOVIRUS

18636 ADENOVIRAL

S5 2 S4 AND (VECTOR OR ADENOVIRUS OR ADENOVIRAL)

?

RD

...completed examining records

S6 1 RD (unique items)

?

T S6/3,K/ALL

6/3,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2004 The Dialog Corp. All rts. reserv.

08169587 PMID: 2543825

**Monoclonal antibodies to angiotensin-converting enzyme: a powerful tool for lung and vessel studies.**

Danilov S; Sakharov I; Martynov A; Faerman A; Muzykantov V; Klibanov A; Trakht I

Institute of Experimental Cardiology, Academy of Medical Sciences, Moscow, USSR.

Journal of molecular and cellular cardiology (ENGLAND) Feb 1989, 21 Suppl 1 p165-70, ISSN 0022-2828 Journal Code: 0262322

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... with high specificity in the lungs as compared with either normal mouse IgG or other organs and blood. The highly specific and nontoxic accumulation of **Mab 9B9** suggests that it also may be used for gamma scintigraphy visualization of the pulmonary vascular bed, detection of lung injury and as a **vector** for targeted drug delivery to the lung.

?

Set	Items	Description
S1	8	(ADENOVIRAL OR ADENOVIRUS) (S) (MODIFIED (W) TROPISM)
S2	0	S1 AND (MAB (W) 9B9)
S3	3	RD S1 (unique items)
S4	42	(MAB (W) 9B9)
S5	2	S4 AND (VECTOR OR ADENOVIRUS OR ADENOVIRAL)
S6	1	RD (unique items)

?

(ADENOVIRUS OR ADENOVIRAL) (S) (BI-SPECIFIC (W) ANTIBODY)

>>>When using accession numbers with KEEP in OneSearch, you

>>>must use the FROM option to specify a file number.



?

S (ADENOVIRUS OR ADENOVIRAL) (S) (BI (W) SPECIFIC (W) ANTIBODY)  
     80316 ADENOVIRUS  
     18636 ADENOVIRAL  
     696938 BI  
     2788382 SPECIFIC  
     1310735 ANTIBODY  
 S7       0 (ADENOVIRUS OR ADENOVIRAL) (S) (BI (W) SPECIFIC (W)  
           ANTIBODY)

?

S (ADENOVIRAL (W) VECTOR) AND (BI-SPECIFIC (W) ANTIBODY)  
     18636 ADENOVIRAL  
     285618 VECTOR  
     5922 ADENOVIRAL(W) VECTOR  
        2 BI-SPECIFIC  
     1310735 ANTIBODY  
        0 BI-SPECIFIC(W) ANTIBODY  
 S8       0 (ADENOVIRAL (W) VECTOR) AND (BI-SPECIFIC (W) ANTIBODY)

?

Set	Items	Description
S1	8	(ADENOVIRAL OR ADENOVIRUS) (S) (MODIFIED (W) TROPISM)
S2	0	S1 AND (MAB (W) 9B9)
S3	3	RD S1 (unique items)
S4	42	(MAB (W) 9B9)
S5	2	S4 AND (VECTOR OR ADENOVIRUS OR ADENOVIRAL)
S6	1	RD (unique items)
S7	0	(ADENOVIRUS OR ADENOVIRAL) (S) (BI (W) SPECIFIC (W) ANTIBO- DY)
S8	0	(ADENOVIRAL (W) VECTOR) AND (BI-SPECIFIC (W) ANTIBODY)

?

S (ADENOVIRUS OR ADENOVIRAL) AND (ANTI-ANGIOTENSIN (W) CONVERTING (W) ENZYME (W) ANT  
     80316 ADENOVIRUS  
     18636 ADENOVIRAL  
        0 ANTI-ANGIOTENSIN  
     114701 CONVERTING  
     1975466 ENZYME  
     1310735 ANTIBODY  
        0 ANTI-ANGIOTENSIN(W) CONVERTING(W) ENZYME(W) ANTIBODY  
 S9       0 (ADENOVIRUS OR ADENOVIRAL) AND (ANTI-ANGIOTENSIN (W)  
           CONVERTING (W) ENZYME (W) ANTIBODY)

?

(ADENOVIRAL (W) VECTOR) AND (PULMONARY (W) (ENDOTHELIUM OR VASCULATURE))

>>>When using accession numbers with KEEP in OneSearch, you

>>>must use the FROM option to specify a file number.

?

S (ADENOVIRAL (W) VECTOR) AND (PULMONARY (W) VASCULAR (W) ENDOTHELIUM)  
     18636 ADENOVIRAL  
     285618 VECTOR  
     5922 ADENOVIRAL(W) VECTOR  
     1046847 PULMONARY  
     2769459 VASCULAR  
     242693 ENDOTHELIUM  
        403 PULMONARY(W) VASCULAR(W) ENDOTHELIUM  
 S10       0 (ADENOVIRAL (W) VECTOR) AND (PULMONARY (W) VASCULAR (W)  
           ENDOTHELIUM)

?

Set	Items	Description
S1	8	(ADENOVIRAL OR ADENOVIRUS) (S) (MODIFIED (W) TROPISM)
S2	0	S1 AND (MAB (W) 9B9)
S3	3	RD S1 (unique items)
S4	42	(MAB (W) 9B9)
S5	2	S4 AND (VECTOR OR ADENOVIRUS OR ADENOVIRAL)
S6	1	RD (unique items)

S7 0 (ADENOVIRUS OR ADENOVIRAL) (S) (BI (W) SPECIFIC (W) ANTIBO-  
DY)  
S8 0 (ADENOVIRAL (W) VECTOR) AND (BI-SPECIFIC (W) ANTIBODY)  
S9 0 (ADENOVIRUS OR ADENOVIRAL) AND (ANTI-ANGIOTENSIN (W) CONVE-  
RTING (W) ENZYME (W) ANTIBODY)  
S10 0 (ADENOVIRAL (W) VECTOR) AND (PULMONARY (W) VASCULAR (W) EN-  
DOTHELIUM)

?  
COST

15jul04 09:31:08 User259876 Session D648.2  
\$1.59 0.496 DialUnits File155  
\$0.84 4 Type(s) in Format 3  
\$0.84 4 Types  
\$2.43 Estimated cost File155  
\$0.50 0.170 DialUnits File159  
\$0.50 Estimated cost File159  
\$3.25 0.580 DialUnits File5  
\$3.25 Estimated cost File5  
\$3.43 0.350 DialUnits File73  
\$3.43 Estimated cost File73  
OneSearch, 4 files, 1.596 DialUnits FileOS  
\$3.50 INTERNET  
\$13.11 Estimated cost this search  
\$13.80 Estimated total session cost 1.775 DialUnits

?

**Return to logon page!**